TABLE 5

hCV	Alleles	Sequence A (allele-specific primer)	Sequence B (allele-specific primer)	Sequence C (common primer)
hCV1129864	C/G	GAAGGAATCGCTTTCTGG (SEQ ID NO: 6608)	GAAGGAATCGCTTTCTGC (SEQ ID NO: 6609)	GGGTGTATTCACAAATTCTGTTAC (SEQ ID NO: 6610)
hCV11697322	A/G	CAGTTCGTGCTATTGAGAAAAT (SEQ ID NO: 6611)	CAGTTCGTGCTATTGAGAAAAC (SEQ ID NO: 6612)	CAAAGAAAAACAGATCACACAGAT (SEQ ID NO: 6613)
hCV11713583	A/G	GGCTTTTCTGCCAAGAA (SEQ ID NO: 6614)	GGCTTTTCTGCCAAGAG (SEQ ID NO: 6615)	GCAGTTGTGCGTAGTAGAGTACA (SEQ ID NO: 6616)
hCV11916245	G/T	CAGGAGAGCCAGGATGG (SEQ ID NO: 6617)	GCAGGAGAGCCAGGATGT (SEQ ID NO: 6618)	CCAGGTAGCACTGAACACCTAA (SEQ ID NO: 6619)
hCV12011889	G/T	CTCACCTTCCAGACCCC (SEQ ID NO: 6620)	CTCACCTTCCAGACCCA (SEQ ID NO: 6621)	AAAGGACCCCTCAAAACAG (SEQ ID NO: 6622)
hCV1387523	A/G	TGGGGTTGGGGTTCT (SEQ ID NO: 6623)	GGGGTTGGGGTTCC (SEQ ID NO: 6624)	TGTCCCTGTCCTCCTTCAG (SEQ ID NO: 6625)
hCV1575287	C/G	CCAGGTGATCCAGGAGAG (SEQ ID NO: 6626)	CCAGGTGATCCAGGAGAC (SEQ ID NO: 6627)	TCCATGGCGAAAATTTTG (SEQ ID NO: 6628)
hCV163035	C/T	GGAAGTGACAACACAAAACC (SEQ ID NO: 6629)	CGGAAGTGACAACACAAAACT (SEQ ID NO: 6630)	CCGCCCAGGATTCTCTA (SEQ ID NO: 6631)
hCV1985480	A/G	CAGCTGCTGCTGTCCAT (SEQ ID NO: 6632)	CAGCTGCTGCTGTCCAC (SEQ ID NO: 6633)	CATGAACCTGTCAATCTTCTCA (SEQ ID NO: 6634)
hCV22271781	C/T	GGTGGTGATCCCAGTCAC (SEQ ID NO: 6635)	GGTGGTGATCCCAGTCAT (SEQ ID NO: 6636)	TCTTGTTTTGGCACCATTTAC (SEQ ID NO: 6637)
hCV22274508	T/A	TTCTGACATTTCTTTTCTGTCA (SEQ ID NO: 6638)	TTTCTGACATTTCTTTTCTGTCT (SEQ ID NO: 6639)	TGGAGTGGGCATCTTCAT (SEQ ID NO: 6640)
hCV2536595	A/G	CATCCCGCGCCAT (SEQ ID NO: 6641)	CATCCCGCGCCAC (SEQ ID NO: 6642)	CCTCCAGAGAAGAAGAAGACAC (SEQ ID NO: 6643)
hCV2567435	A/G	GGGGTTAGGTTTATAGCT (SEQ ID NO: 6644)	GGGTTAGGTTTATAGCC (SEQ ID NO: 6645)	TGTCCCCTCAGAGTGAC (SEQ ID NO: 6646)
hCV27150310	C/T	GTATGTTTGCTGCCATTTG (SEQ ID NO: 6647)	TGTATGTTTGCTGCCATTTA (SEQ ID NO: 6648)	GAGCAGATTCCTGATTTTGATAA (SEQ ID NO: 6649)
hCV27150326	C/T	AGATGGGGAAGCATGTAAC (SEQ ID NO: 6650)	AGATGGGGAAGCATGTAAT (SEQ ID NO: 6651)	GGCCATTCCCTCACTTATG (SEQ ID NO: 6652)
hCV27493749	C/T	CCTCCAGGGCTTGTAGG (SEQ ID NO: 6653)	CCTCCAGGGCTTGTAGA (SEQ ID NO: 6654)	GAGTAGCCGCGTCTTCTC (SEQ ID NO: 6655)
hCV3125472	G/T	ACCTCCAAGGAGATGCAC (SEQ ID NO: 6656)	CCTCCAAGGAGATGCAA (SEQ ID NO: 6657)	CCTTTCCCAGCCTTCAAG (SEQ ID NO: 6658)
hCV3281637	C/T	CAGGTCTTTGAGGATCTGG (SEQ ID NO: 6659)	TCAGGTCTTTGAGGATCTGA (SEQ ID NO: 6660)	GGGCACTGCTTTTCTGAAT (SEQ ID NO: 6661)
hCV8687513	A/T	TCAAGTCTCATTCCAACCTTT (SEQ ID NO: 6662)	ATCAAGTCTCATTCCAACCTTA (SEQ ID NO: 6663)	CTTGCACATCCTATAAACTCATTAC (SEQ ID NO: 6664)
hCV8705506	C/G	CCACTTCGGGTTCCTC (SEQ ID NO: 6665)	CCACTTCGGGTTCCTG (SEQ ID NO: 6666)	CCCTGGCTTCAACATGA (SEQ ID NO: 6667)
hCV8726337	A/G	CACATTCACGGTCACCTT (SEQ ID NO: 6668)	CACATTCACGGTCACCTC (SEQ ID NO: 6669)	CATTGCCCGAGCTCAA (SEQ ID NO: 6670)
hCV8863093	C/G	GCTCTGCTGTAAGCTCGG (SEQ ID NO: 6671)	GCTCTGCTGTAAGCTCGC (SEQ ID NO: 6672)	CCCAAGTCCCTCTCCTATCA (SEQ ID NO: 6673)
hCV940309	A/G	GCCTTGTGACCACACCA (SEQ ID NO: 6674)	CCTTGTGACCACACCG (SEQ ID NO: 6675)	CCTCCCTAGCATCTCTGACTT (SEQ ID NO: 6676)

TABLE 6

Marker	Gene	Typed in Discovery and Replication?	Study	Genotyping	Stratum	Allele1	Case Freq	Control Freq	Allelic p-value	Odds Ratio
hCV163035	hCG95980	Replicated	Discovery	Pool	All	T	0.647971386	0.696763421	0.027764206	0.801076717
hCV163035	hCG95980	Replicated	Replication, All Cases	Pool	All	T	0.676508911	0.710320615	0.030939947	0.85285337
hCV8863093	hCG22818	Replicated	Discovery	Pool	All	G	0.723012704	0.772056569	0.015245492	0.770662159
hCV8863093	hCG22818	Replicated	Replication, All Cases	Pool	All	G	0.746751505	0.785857818	0.007538905	0.803502956
hCV8863093	hCG22818	Replicated	Replication, All Cases	Pool	RF+	G	0.748426071	0.785807503	0.019529029	0.810907574
hCV8863093	hCG22818	Replicated	Replication, Probands	Pool	RF+	G	0.744128659	0.785807503	0.027156193	0.79271024
hCV8863093	hCG22818	Replicated	Replication, Probands	Pool	All	G	0.749444758	0.786967283	0.028907246	0.809703025
hCV22274508	hCG17514	no	Discovery	Pool	All	A	0.298966492	0.350156567	0.018279848	0.791462237
hCV27150310	hCG25461	no	Discovery	Pool	All	T	0.331861068	0.384693816	0.018631334	0.79444823
hCV27150326	hCG25461	no	Discovery	Pool	All	T	0.267477656	0.311227693	0.037364057	0.808098082
hCV27493749	hCG22935	no	Discovery	Pool	All	T	0.094309823	0.06068761	0.007383834	1.611711427
hCV3125472	hCG43706	no	Discovery	Pool	All	T	0.043152465	0.069400644	0.016540249	0.604730844
hCV3281637	hCG39697	no	Discovery	Pool	All	T	0.479850134	0.54284765	0.006642422	0.77689106
hCV8687513	hCG34285	no	Discovery	Pool	All	T	0.906133628	0.869774185	0.015990721	1.445349201
hCV940309	hCG43698	no	Discovery	Pool	All	G	0.977586304	0.954931467	0.007122917	2.058461989
hCV1985480	hCG14741	no	Discovery	Pool	All	G	0.86735496	0.905386564	0.009020449	0.683320767
hCV27150310	hCG25461	no	Discovery	Pool	All	T	0.331861068	0.384693816	0.018631334	0.79444823
hCV27150326	hCG25461	no	Discovery	Pool	All	T	0.267477656	0.311227693	0.037364057	0.808098082
hCV1575287	hCG14778	no	Discovery	Pool	All	G	0.071297561	0.033777372	0.000285458	2.196086489
hCV1129864	hCG26772	no	Discovery	Pool	All	G	0.115898089	0.158596606	0.007367128	0.695479472
hCV3281637	hCG39697	no	Discovery	Pool	All	T	0.479850134	0.54284765	0.006642422	0.77689106
hCV12011889	hCG23475	no	Discovery	Pool	All	T	0.917433036	0.947541682	0.013175181	0.615154343
hCV11916245	hCG27692	no	Discovery	Pool	All	T	0.698020575	0.772929802	0.000211362	0.679064387
hCV2567435	hCG40366	no	Discovery	Pool	All	G	0.37748986	0.333165248	0.048897742	1.213716878
hCV11697322	hCG27468	no	Discovery	Pool	All	G	0.739439317	0.778451911	0.046726092	0.807662416
hCV11713583	hCG1640727	no	Discovery	Pool	All	G	0.388672316	0.331516083	0.009688552	1.282023264
hCV1387523	hCG28718	no	Discovery	Pool	All	G	0.833961452	0.796165931	0.038214461	1.285908988
hCV2536595	hCG31810	no	Discovery	Pool	All	G	0.558344796	0.502956158	0.016575624	1.249348754
hCV8687513	hCG34285	no	Discovery	Pool	All	T	0.906133628	0.869774185	0.015990721	1.445349201
hCV8726337	hCG28476	no	Discovery	Pool	All	G	0.557472386	0.634032091	0.000622242	0.727134495
hCV8705506	hCG22931	no	Discovery	Pool	All	G	0.694333845	0.643186064	0.019056137	1.260161374
hCV27493749	hCG1641509	no	Discovery	Pool	All	T	0.094309823	0.06068761	0.007383834	1.611711427
hCV27493749	hCG22935	no	Discovery	Pool	All	T	0.094309823	0.06068761	0.007383834	1.611711427
hCV27493749	hCG1641508	no	Discovery	Pool	All	T	0.094309823	0.06068761	0.007383834	1.611711427
hCV22271781	hCG41527	no	Discovery	Pool	All	T	0.092790586	0.061628891	0.012242924	1.55735149